

Title (en)
FUEL CONSUMPTION OPTIMIZER AND CARBON DIOXIDE EMISSIONS REDUCER BASED ON AN AIR-VACUUM LIQUID COMPENSATION SYSTEM

Title (de)
SYSTEM ZUM OPTIMIEREN DES KRAFTSTOFFVERBRAUCHS SOWIE ZUR REDUZIERUNG DES KOHLENDIOXYDSAUSSTOSSES MITTELS DER KOMPENSIERUNG DES LUFTUNTERDRUCKS DURCH FLÜSSIGKEIT

Title (fr)
SYSTEME D'OPTIMISATION DE LA CONSOMMATION DE CARBURANT ET DE REDUCTION DES EMISSIONS DE DIOXYDE DE CARBONE REPOSANT AU MOYEN D'UN SYSTEME DE COMPENSATION DE LA DEPRESSION D'AIR PAR UN LIQUIDE

Publication
EP 0868604 A4 20000301 (EN)

Application
EP 96943762 A 19961219

Priority
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• US 58000895 A 19951220

Abstract (en)
[origin: WO9722793A1] A booster container (1), an inlet nozzle (10A) for air entering the container (1) and an outlet nozzle (12V) for air leaving the container (1), a body of liquid (14) within the container body (1), the body of liquid (14) being disposed remotely from the inlet nozzle (10A) and the outlet nozzle (12V), a plurality of deflectors (11A-11D, 15A-15E) located within and attached to the container body, forming passages through which the air travels and at least one of the deflectors being partially immersed in the body of liquid (14). Air passes around the deflectors into the body of liquid (14) and is influenced by a vacuum from an intake manifold, wherein the air forms bubbles in the liquid and leaves the body of liquid (14) under vacuum and passes through the passages (12) formed between the deflectors and leaves the booster container (1) through the outlet nozzle (12V) connected to the intake manifold of an internal combustion engine.

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• [A] DE 2114571 A1 19721005
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